

Community Hospitals and E&Ts Penetration Rates by RSN.

Operational Definition: Clients served in Community Hospitals and E&Ts per 1000 population for a Fiscal Year by RSN

Operational Measure: This is calculated by dividing total number of clients served in community Hospitals and E&Ts in a Fiscal Year by an estimate of the general population as of April 1st of the Calendar Year multiplied by 1000 by RSN.

Formulas:

$$\frac{\text{Number of community clients served (CH, E\&T) in Fiscal Year by RSN}}{\text{Estimate of people in the general population in the Calendar Year by RSN}} \times 1000$$

Discussion: The inpatient penetration rate shows the number of people served in Community Hospitals, Evaluation and Treatment Centers per 1,000 people in the RSN and Statewide. There have been reports of community hospital bed closures in some communities. Bed closures may be associated with decreased penetration rates in some RSNs. The overall penetration rate remained stable across Fiscal Year 2003 and 2004, but declined in Fiscal Year 2005.

Data Notes:

- Evaluation and Treatment (E&T) services are only provided by Peninsula, King, North Sound RSN and Thurston-Mason RSN. Thurston-Mason opened their Adult E & T in 2005. Peninsula has an adolescent E&T. King and North Sound have adult E&Ts.
- The source for E&T data is the standard institutional transaction (837i) that is submitted to the Mental Health Division (MHD) by the Regional Support Networks.
- The source for Community Hospital data is the Medical Assistance Administration (MAA) paid claims file.
- The Community Hospital data is processed to include the MHD RSN Dispute Resolution table. This table tracks changes to the RSN which is assigned the Community Hospital episode. The most recent RSN assigned to the hospital episode is used.
- The category MHD/unassigned includes Medicare crossover claims and Medical/detox/psychiatric pilot project clients who are not assigned to RSNs.
- Counts are unduplicated across Community Hospitals and E&Ts. If a client receives services in both settings within the Fiscal Year, they are only counted once.
- Counts are of people, not admissions or episodes.
- Due to a data processing change data for Puget Sound Behavioral Health the number of people served in community inpatient settings for Pierce RSN are under reported in 2003 and 2004.
- Population numbers used to calculate penetration rates are taken from Washington State's Office of Financial Management (OFM), which are based on estimates from the 2000 Census (<http://www.ofm.wa.gov/pop/default.asp>).

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RSN	FY-2003			FY-2004			FY-2005		
	Served	Population	Rate	Served	Population	Rate	Served	Population	Rate
Northeast	46	69,874	0.7	42	70,074	0.6	54	70,074	0.8
Grays Harbor	58	68,802	0.8	73	69,203	1.1	80	69,203	1.2
Timberlands	66	95,223	0.7	83	95,474	0.9	80	95,474	0.8
Southwest	315	94,852	3.3	232	95,303	2.4	182	95,303	1.9
Chelan/ Douglas	73	101,654	0.7	70	102,605	0.7	64	102,605	0.6
North Central	107	133,689	0.8	100	134,588	0.7	116	134,588	0.9
Thurston/ Mason	250	265,707	0.9	290	269,308	1.1	320	269,308	1.2
Clark	323	373,354	0.9	298	383,305	0.8	317	383,305	0.8
Peninsula	482	329,310	1.5	493	332,413	1.5	514	332,413	1.5
Spokane	672	428,805	1.6	622	432,005	1.4	562	432,005	1.3
Greater Columbia	604	620,736	1.0	600	630,391	1.0	643	630,391	1.0
Pierce	836	734,522	1.1	856	744,024	1.2	947	744,024	1.3
North Sound	1,546	1,006,922	1.5	1,569	1,020,823	1.5	1,667	1,020,823	1.6
King	3,047	1,781,358	1.7	2,830	1,788,352	1.6	2,674	1,788,352	1.5
MHD/ Unassigned	427			530			182		
Statewide	8,657	6,104,807	1.4	8,486	6,167,868	1.4	8,219	6,167,868	1.3

